ABSTRACT OF THE DISCLOSURE

A hard coat film comprises a hard coat layer formed by coating at least one face of a substrate with a coating fluid and curing the obtained coating layer by irradiation with an ionizing radiation. The coating fluid comprises a component for forming a hard coat layer comprising (A) a compound which is formed by bonding an organic compound having a polymerizable unsaturated group to fine particles of silica, (B) an ester of (meth)acrylic acid having an alicyclic structure and (C) a compound having at least two polymerizable unsaturated groups and at least one aryl group in a molecule. The hard coat layer comprises 20 to 60% by weight of silica and has a refractive index of 1.53 or greater. The hard coat film exhibits excellent scratch resistance, little shrinking by curing and little shrinking and curling under high temperature and humidity and forms no optical interference fringes.